

Integrated Regional Water Management Plan (IRWMP)

Greater Los Angeles County Region

*Comprehensive planning that has and will continue to
encourage cooperation, not competition.*

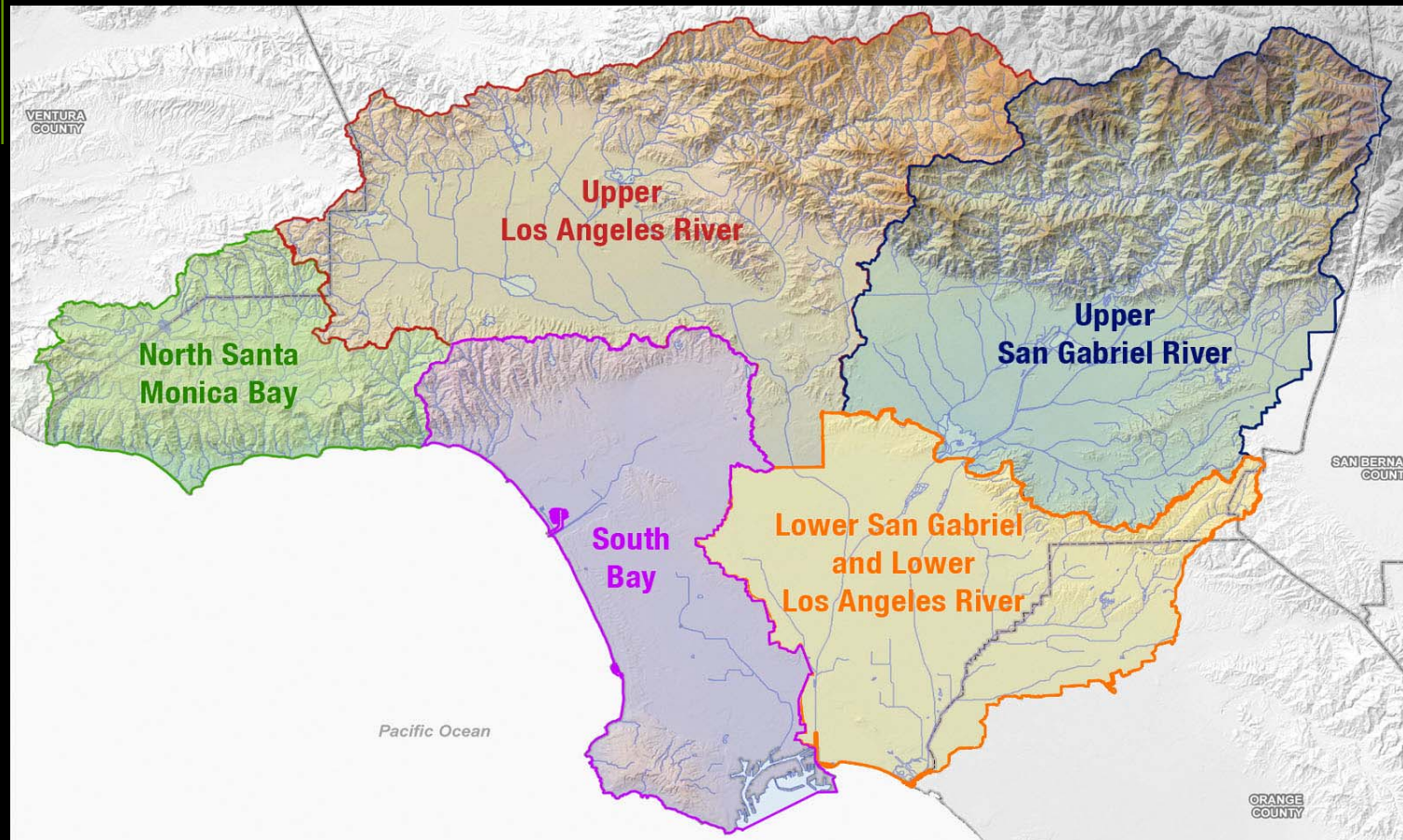


Greater LA County Region IRWMP

Provide an overview...

- Background on the region
- Accomplishments
- How did we get there (governance, regional projects, etc.)?
- How do we keep going?
- Summary

Greater LA County Region IRWMP



- Nearly 10 million people
- Hundreds of agencies/organizations involved
- Encompasses 92 cities
- Approx. 2,200 square miles
- 28% of California's population



Greater LA County Region

Complex water and environmental issues

- ◆ Drinking water (majority is imported) - State Water Project, Colorado River Aqueduct, Los Angeles Aqueduct
- ◆ Water quality regulations – stringent
- ◆ Urban & Stormwater – contaminated by sediments, nutrients, bacteria, metals, oil and grease
- ◆ Groundwater - insufficient natural recharge to maintain basin water and current pumping levels
- ◆ Natural Habitat – has been extensively displaced by urban growth
- ◆ Coastal Wetlands – 90% have been lost



Greater LA County Region

Voting statistics on State bond measures...

- Proposition 50
 - Over 64% of the voters of Los Angeles County voted YES on Prop 50 (highest % of the State)

- Proposition 84
 - Over 60% of the voters of Los Angeles County voted YES on Prop 84 (highest % in Southern Calif.)



What has been accomplished? (in less than one year)

- Secured \$1.5 M Prop 50 State grant to develop IRWMP
- Collected \$950K in local funding to develop IRWMP
- Developed and adopted Interim Operating Guidelines (decision making guidelines)
- Formed a Leadership Committee and five Sub-regional Steering Committees (governance structure)
- Developed web site and support materials
- Completed Prop 50, Chap. 8 Round 1 application



What has been accomplished? (...continued)

- Developed planning tools (conceptual capture and treatment projects) to promote project integration
- Over 1,500 projects submitted and included in IRWMP
- Held 24 public stakeholder workshops
- MOU adopted by over 20 agencies to date
- *Developed quantifiable targets for the next 20 years*
- *Recommended for Prop 50, Chap 8 Round 1 funding (\$25 Million!)*
- *Adopted IRWMP on December 13, 2006!*



How did we get there?

1. Region based on the watershed boundaries in the lower basin of Los Angeles County

- Water quality, water supply, open space and recreational issues do not necessarily follow political boundaries
- To address issues using a holistic watershed approach
- Watershed stakeholder network already established



How did we get there?

2. *Simple governance and decision making structure/process*

- Developed and adopted basic and informal governance structure and process

“Interim Guidelines for the Formation, Composition and Operation of the Regional Water Management Group”

- Established Leadership and five Sub-regional Steering Committees
- *No formal MOU, agreement or binding document until just recently*

How did we get there?

Leadership Committee
Chair
IRWMP Program Manager
Los Angeles County Flood Control District

Sub-Regional Representation

**North Santa Monica Bay
Watersheds**

Las Virgenes MWD

**South Bay
Watersheds**

West Basin MWD

**Upper LA River
Watersheds**

City of LA Dept. of Water & Power

**Upper San Gabriel &
Rio Hondo River
Watersheds**

Main San Gabriel Basin
Watermaster

**Lower San Gabriel &
LA River
Watersheds**

Watershed Conservation
Authority

Water Management Area Responsibility Representation

Groundwater

San Gabriel Basin Water
Quality Authority

Sanitation

County Sanitation Districts of
Los Angeles County

Surface Water

Gateway Cities Council of
Governments

Habitat/Open Space

Santa Monica Bay
Restoration Commission

Stormwater/Water Quality

City of LA Bureau of Sanitation
Watershed Protection Division

Invited Ex-Officio Non-voting Members

Bureau of Reclamation

CA Dept. of Fish & Game

CA Coastal Commission

CA Coastal Conservancy

CA Dept. of Transportation

CA Dept. of Water Resources

CA Environmental Protection Agency

CA Regional Water Quality Control Board

CA Dept. of Parks & Recs

CA Dept. of Health Services

Metropolitan Water District

National Parks Service

U.S Army Corps of Engineers

USDA Forest Service

Watershed Council



How did we get there?

Membership and participation in the committees

- Regional organization/agency is preferred
- Executive level representation
- Balanced representation of special districts, regional government, state agencies, cities and non-profits
- Reasonable upper limit membership
- Ability to cost share is preferred but not required
- Ex-Officio participation (non-voting)



How did we get there?

Leadership and Sub-regional Steering Committee Responsibilities

- ◆ Meet monthly for the purposes of developing the plan
- ◆ Establish subcommittees for special studies and research
- ◆ Obtain funds to develop and administer the plan
- ◆ Establish a project evaluation framework
- ◆ Facilitate the adoption of the plan
- ◆ To the extent feasible, make the meetings open to the public
- *Share information: Create an environment that is safe to openly discuss issues, challenges, criticism, and solutions*



How did we get there?

3. *Provide planning tools to foster development of regional/integrated projects*

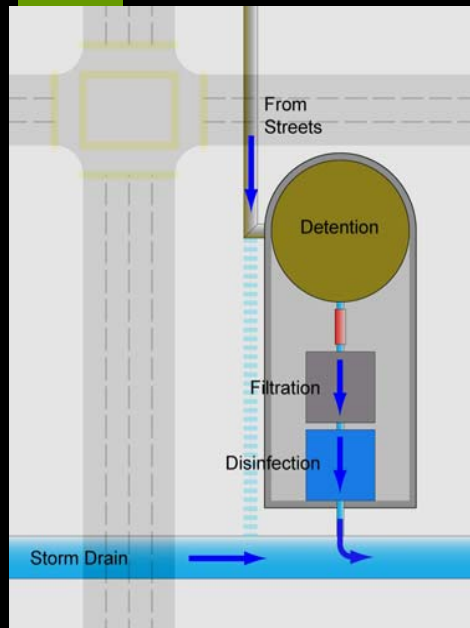
- Projects that incorporate multiple water management strategies and provide multiple benefits
- Projects that involves multiple agencies/organizations for more effective use of resources
- Projects that cross political and regional boundaries

Water supply and water quality projects have the potential to contribute towards other regional needs.

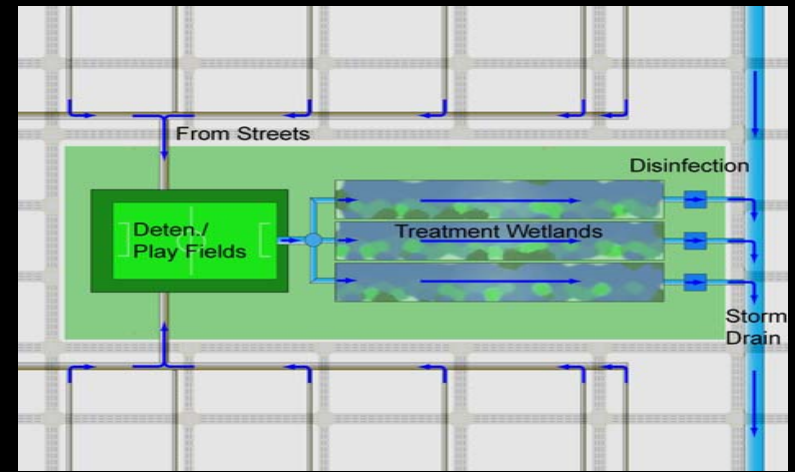
Habitat, open space, and parkland projects have the potential to generate water supply and water quality benefits.

How did we get there?

(Planning tools...)



*Planning Tool #1
Site Scale*



*Planning Tool #2
Neighborhood Scale*



*Planning Tool #3
Regional Scale*

*(Conceptual Runoff
Capture and Treatment)*



How did we get there?

4. *Develop quantifiable targets for the next 20 years*

- To provide direction and focus
- To address the water resource needs
- To measure how well the region is meeting its needs
- To help define projects
- *To show the public, stakeholders and elected officials that the region wants to achieve results*



How did we get there?

(Sample Planning Targets)

- ◆ Water Quality: *Reduce, capture, infiltrate and/or treat the 90th percentile dry weather urban runoff flow, approximately 320,000 acre-feet per year.*
- ◆ Water Supply: *Increase water supply and/or reduce demand by 800,000 acre-feet per year.*
- ◆ Open Space/Parks: *Develop 30,000 acres of multiuse parkland and open space.*
- ◆ Sustain Local Communities: *Repair and replace 40 percent of the infrastructure.*



How do we keep going? (Status and next steps)

- ◆ Plan at the sub-regional scale to identify specific issues and solutions of each of the five sub-regions
- ◆ Develop a project prioritization framework
- ◆ Develop regional/integrated projects for funding by sub-region (Capital Improvement Program)



How do we keep going? (Status and next steps)

- ◆ Identify, seek and apply for additional planning and implementation funding
- ◆ Governance structure...identify opportunities to improve and evolve (recommendations by March 31, 2007)
- ◆ Continue and expand outreach
- *Final IRWMP to be adopted on Dec. 13, 2006*



Summary

1. Region based on the watershed boundaries in the lower basin of Los Angeles County
 2. Simple governance and decision making structure/process
 3. Provide planning tools to foster development of regional/integrated projects
 4. Develop quantifiable targets for the next 20 years
- *Develop and continuously improve an open, transparent, and inclusive process that encourages collaboration.*



IRWMP

Questions...Comments?

Thank you very much for your attention.

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